

FIG. 1

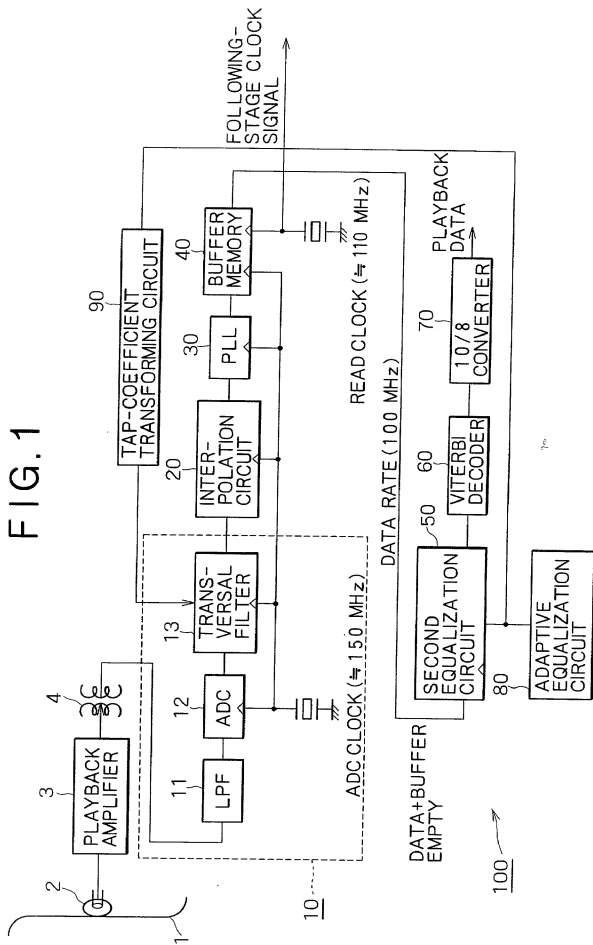


FIG. 2

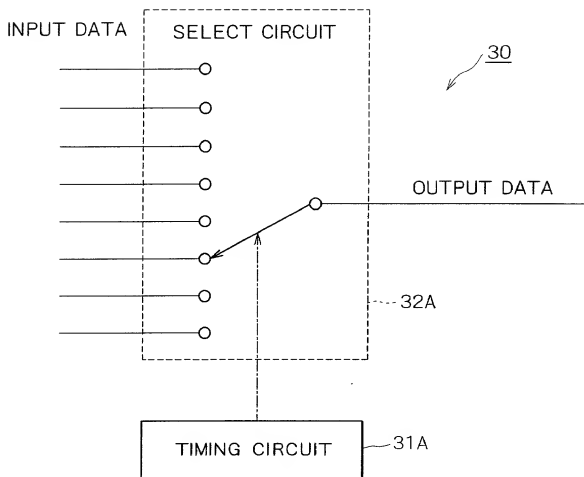
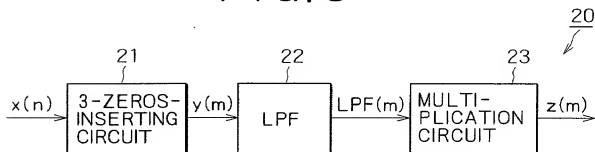


FIG. 3



0992606-11401

FIG. 4A

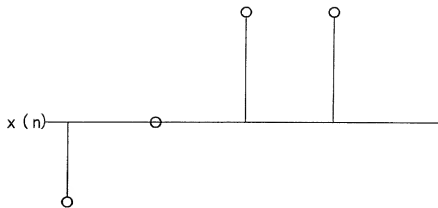


FIG. 4B

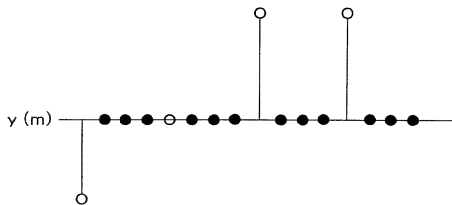


FIG. 4C

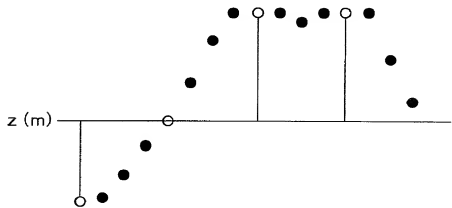


FIG. 6

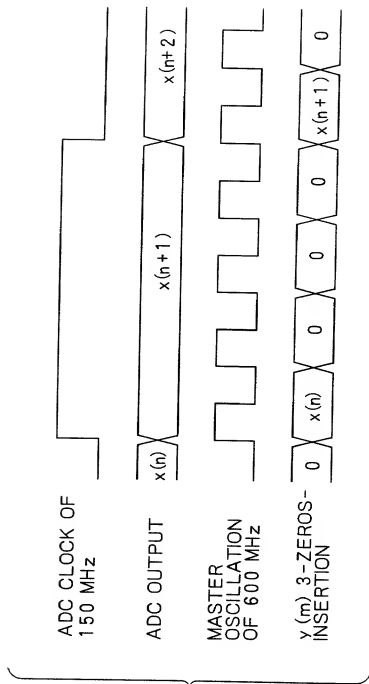


FIG. 7A

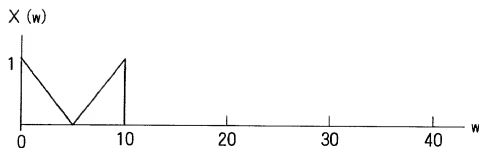


FIG. 7B

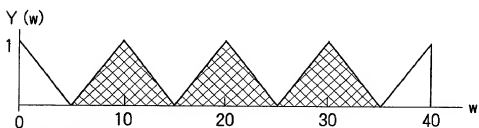
LPF TRANSFER
CHARACTERISTICS

FIG. 7C

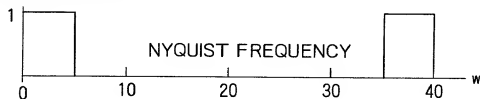


FIG. 7D

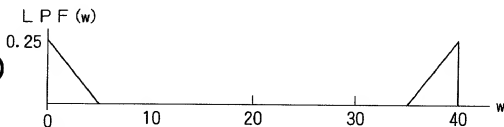


FIG. 7E

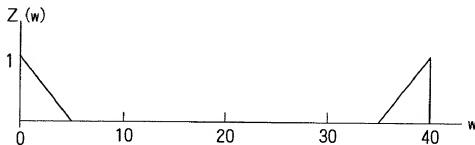


FIG. 8

TRANSFER CHARACTERISTICS OF THE x4 INTERPOLATION LPF

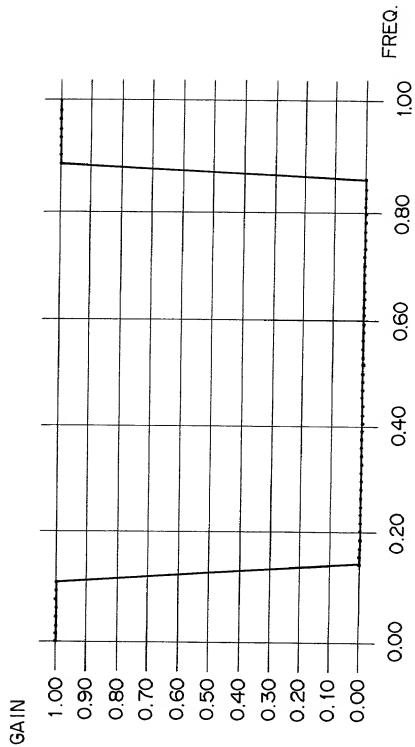


FIG. 9

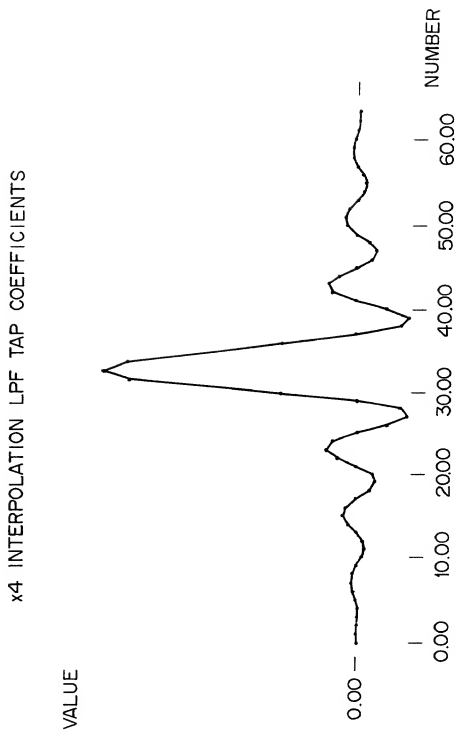


FIG. 10A

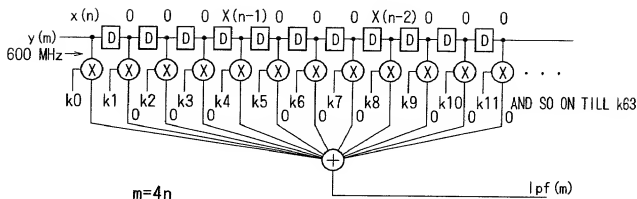


FIG. 10B

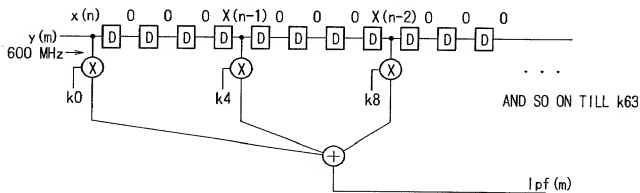


FIG. 10C

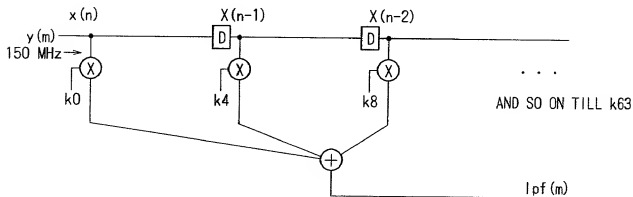


FIG. 11A

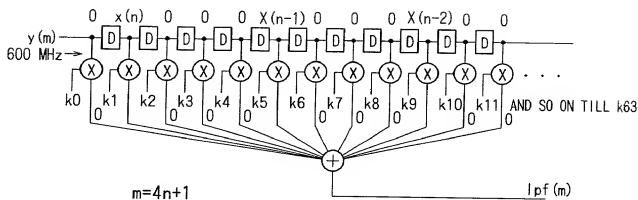


FIG. 11B

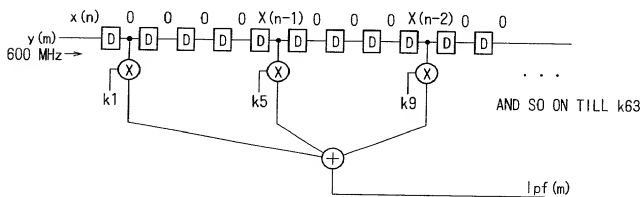


FIG. 11C

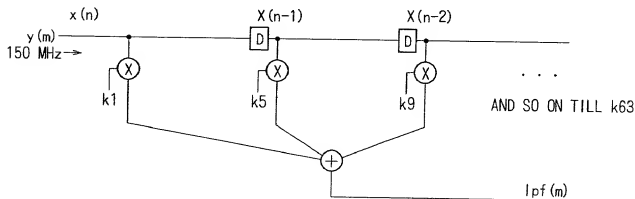


FIG. 12A

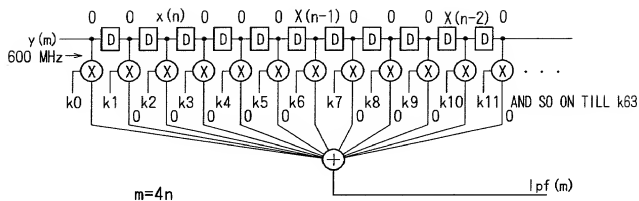


FIG. 12B

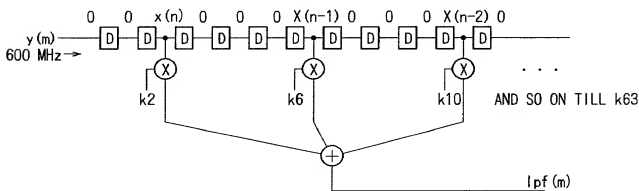


FIG. 12C

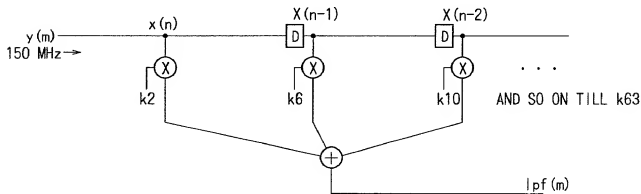


FIG. 13A

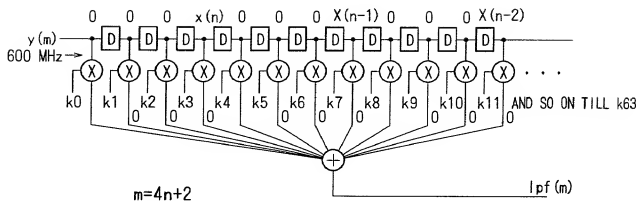


FIG. 13B

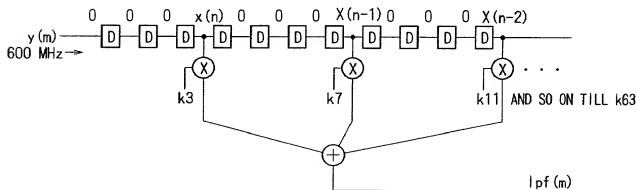


FIG. 13C

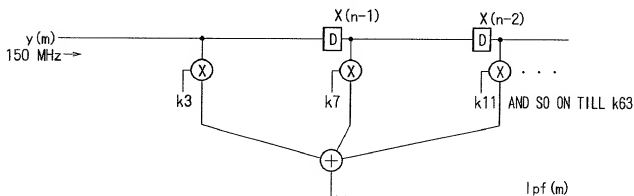
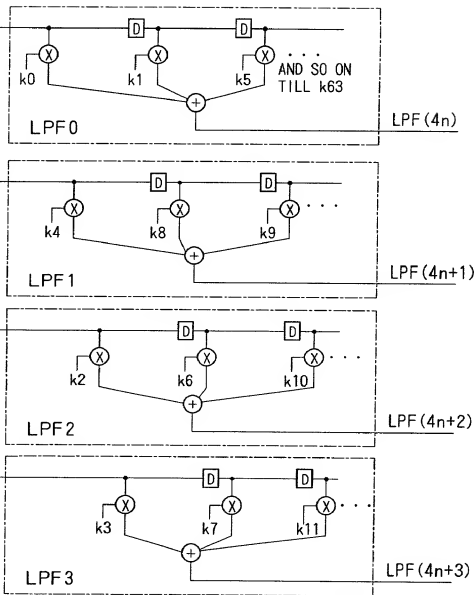


FIG. 14

$X(n)$ WITH
RATE OF
150 MHz



20A

09992606-11401

F I G. 15

TAP COEFFICIENT OF THE x4 INTERPOLATION FILTER

TAP VALUE

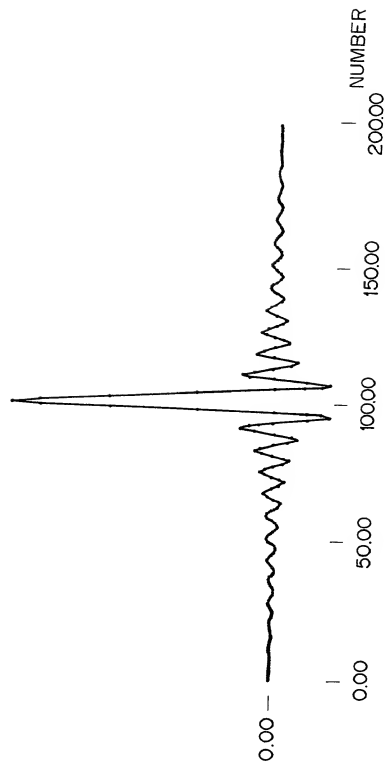


FIG. 16

TAP COEFFICIENT OF THE x16 INTERPOLATION FILTER

TAP VALUE

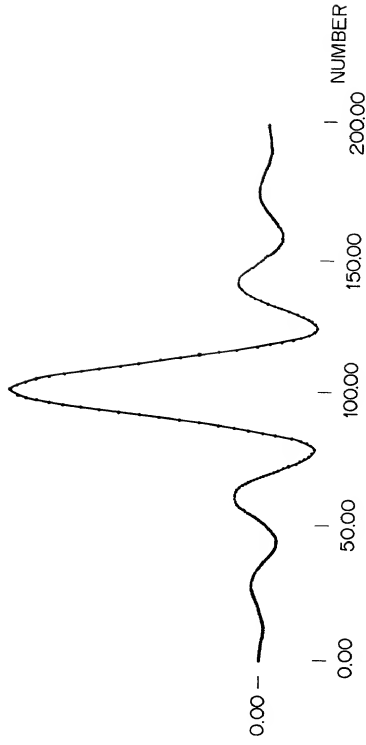
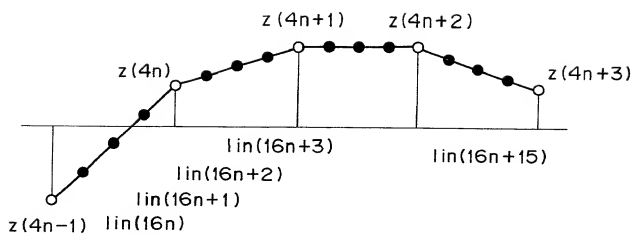


FIG. 17



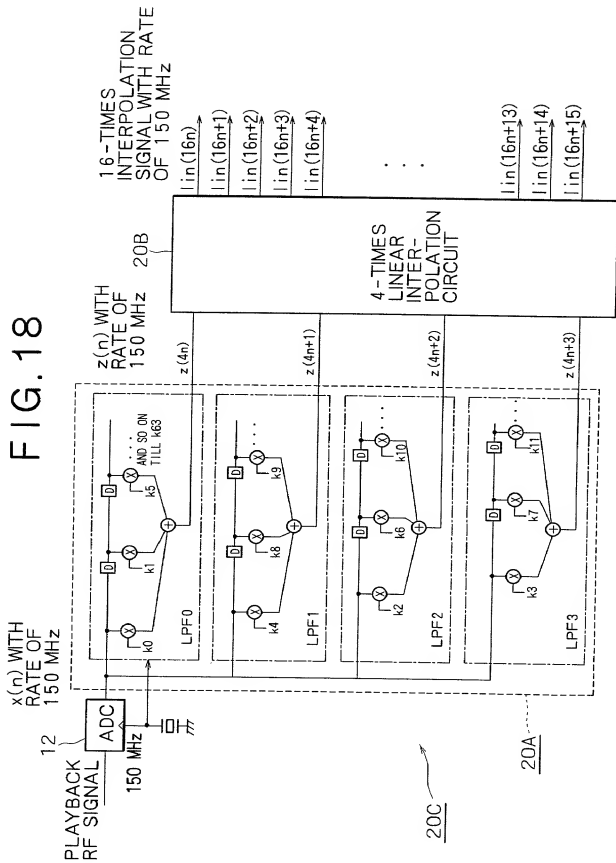
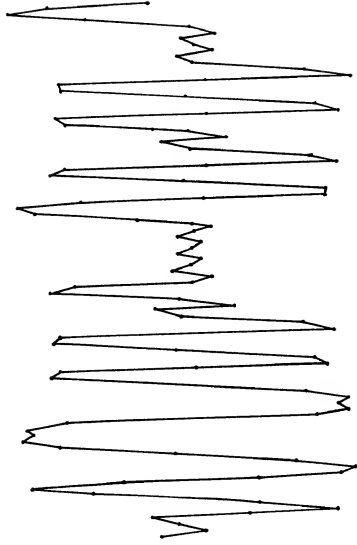


FIG. 19

x1.5 OVER SAMPLED DATA

VOLTAGE



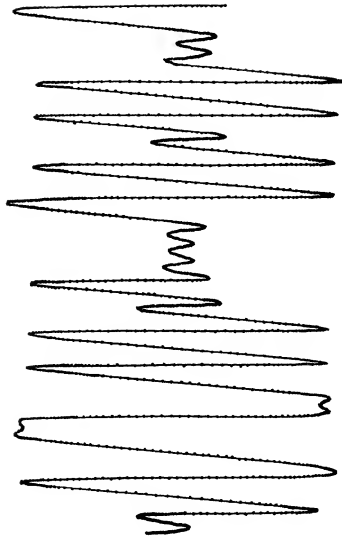
SAMPLING NUMBER

TAFT-902660

FIG. 20

x16 INTERPOLATED DATA

VOLTAGE



SAMPLING NUMBER

FIG. 21

EYE PATTERN OF THE x16 INTERPOLATED DATA

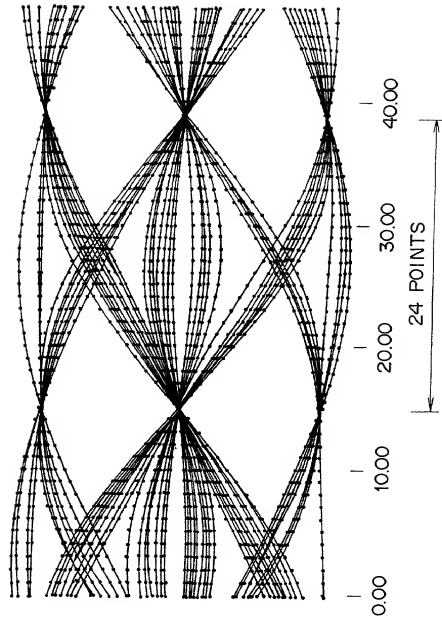


FIG. 23

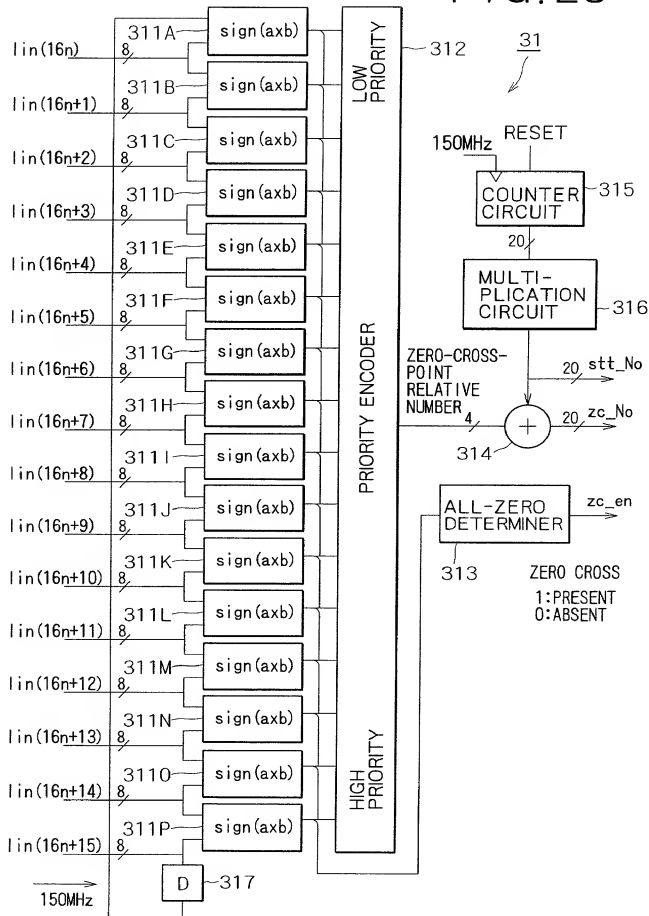


FIG. 24

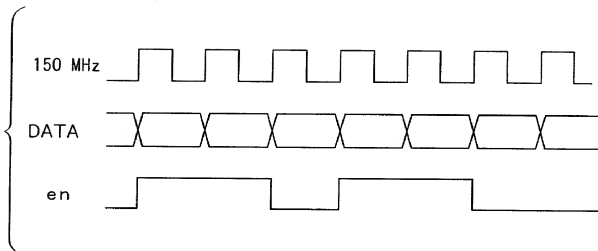


FIG. 25

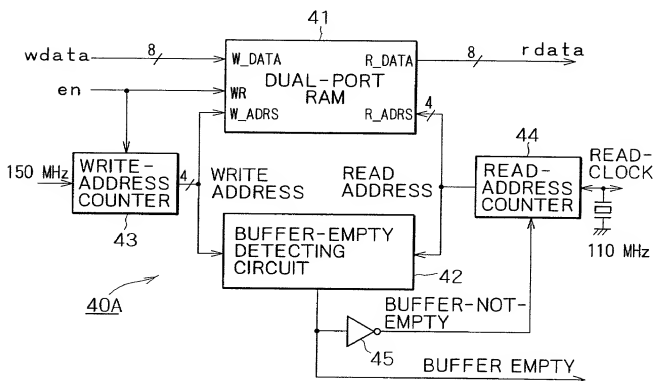


FIG. 26

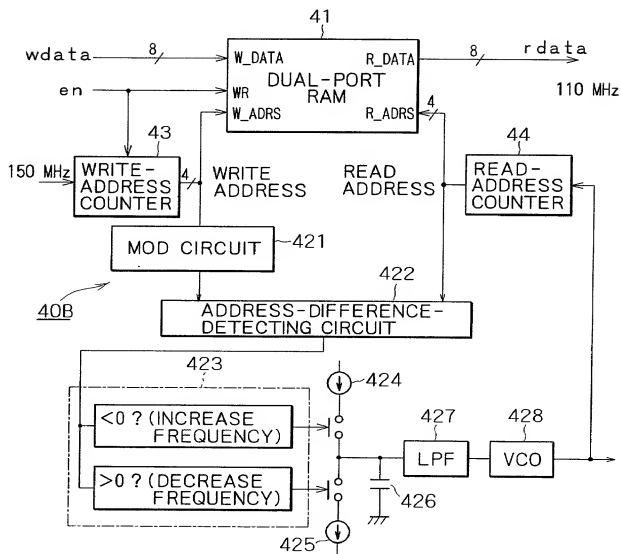


FIG. 27

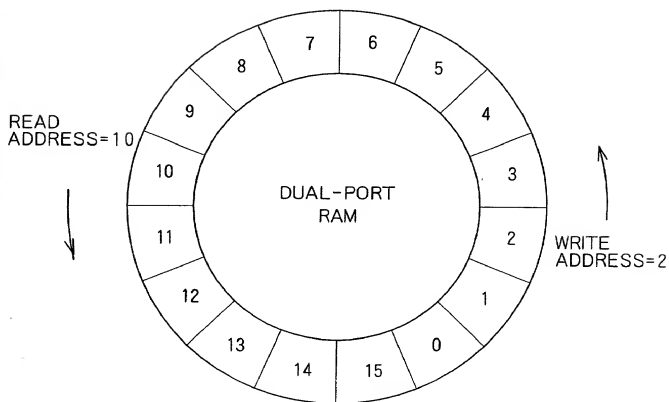


FIG. 28

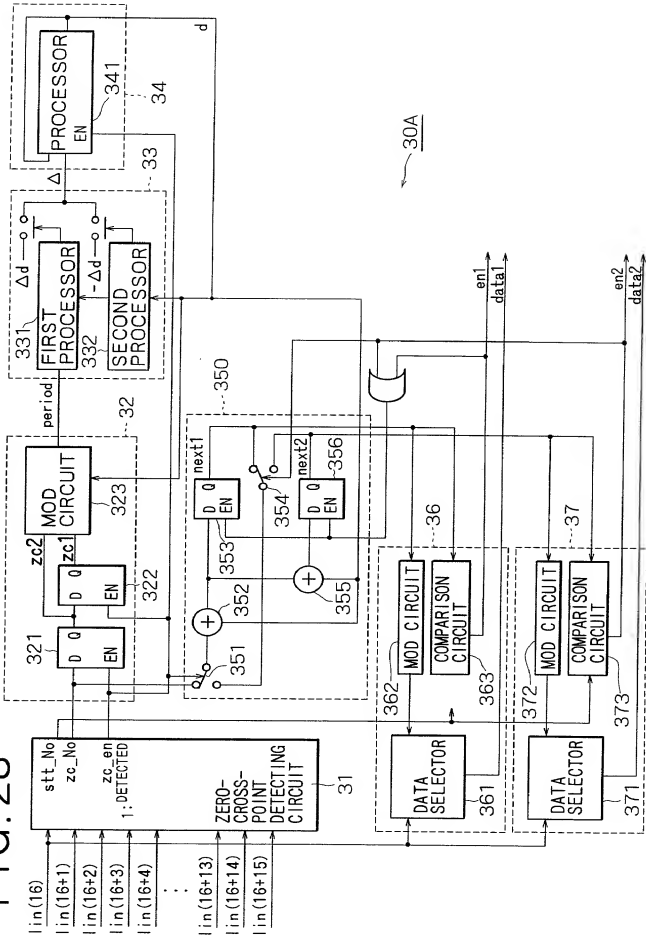


FIG. 29

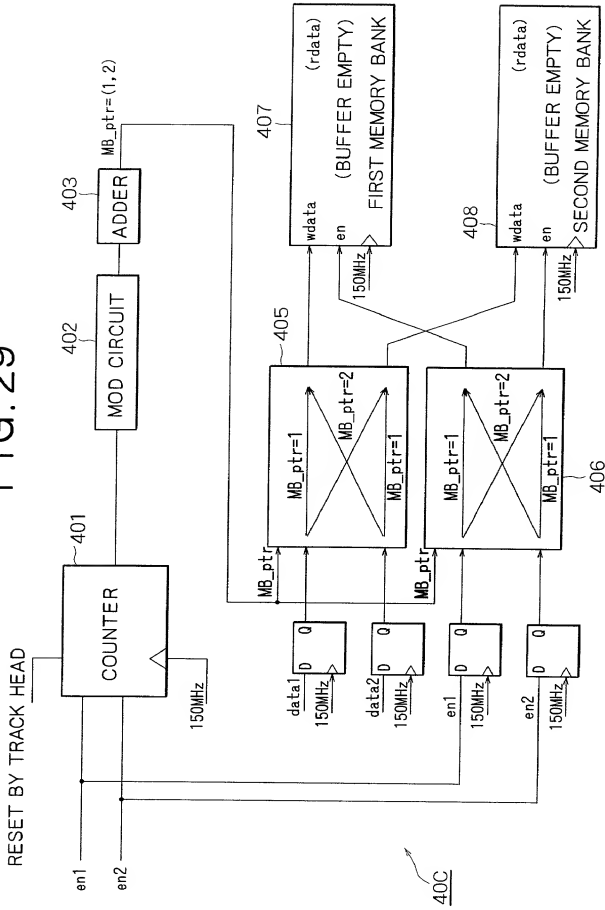


FIG. 30A

:	:
:	:
:	:
ADDRESS 5	data(10)
ADDRESS 4	data(8)
ADDRESS 3	data(6)
ADDRESS 2	data(4)
ADDRESS 1	data(2)
ADDRESS 0	data(0)

FIRST MEMORY BANK

FIG. 30B

:	:
:	:
:	:
ADDRESS 5	data(11)
ADDRESS 4	data(9)
ADDRESS 3	data(7)
ADDRESS 2	data(5)
ADDRESS 1	data(3)
ADDRESS 0	data(1)

SECOND MEMORY BANK

FIG. 32

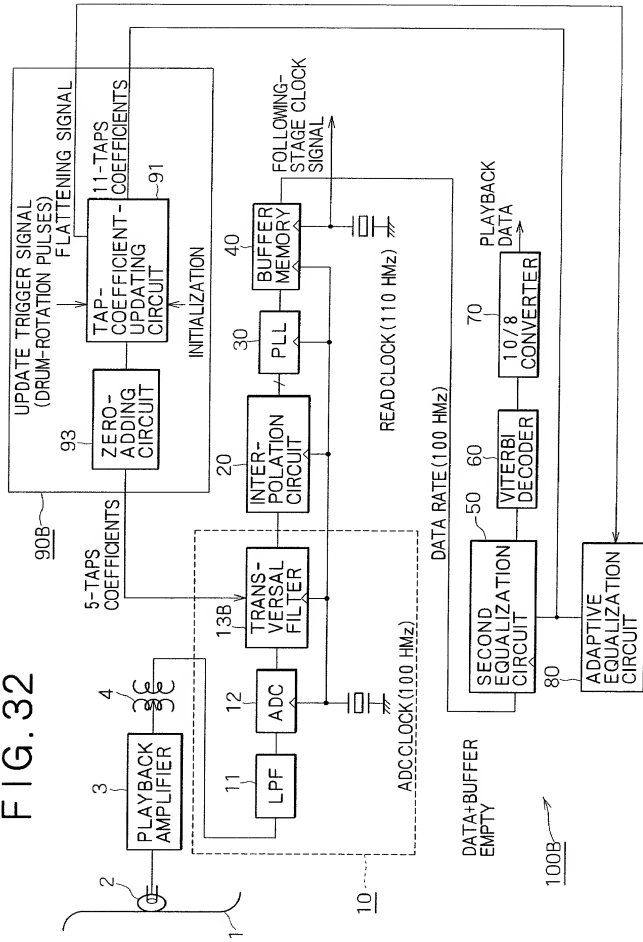


FIG. 33

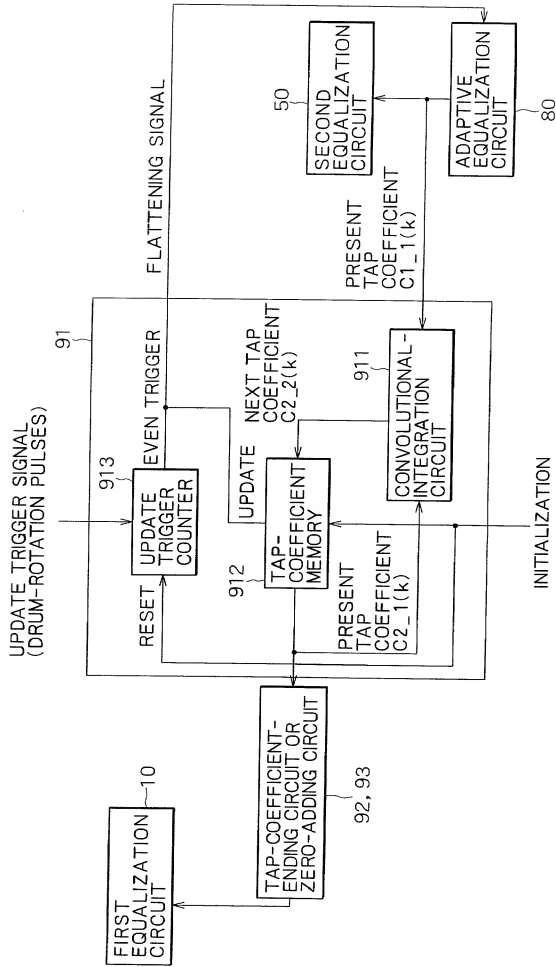


FIG. 34

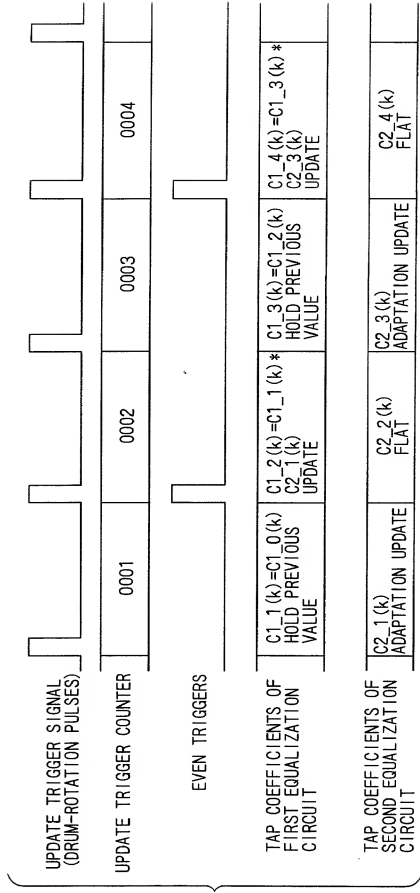


FIG. 35

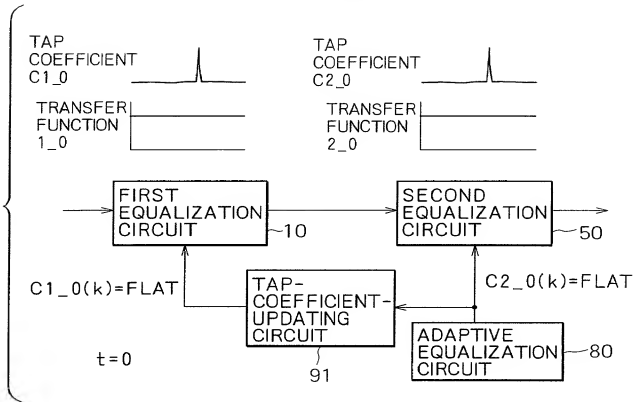


FIG. 36

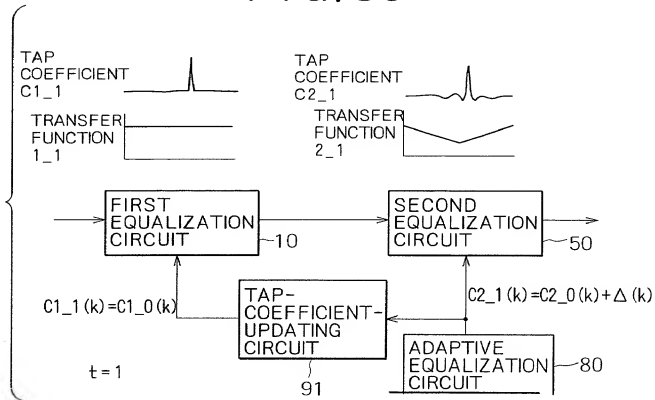


FIG. 37

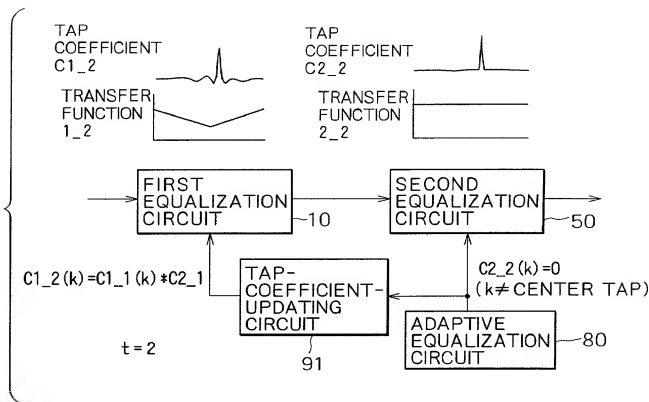


FIG. 38

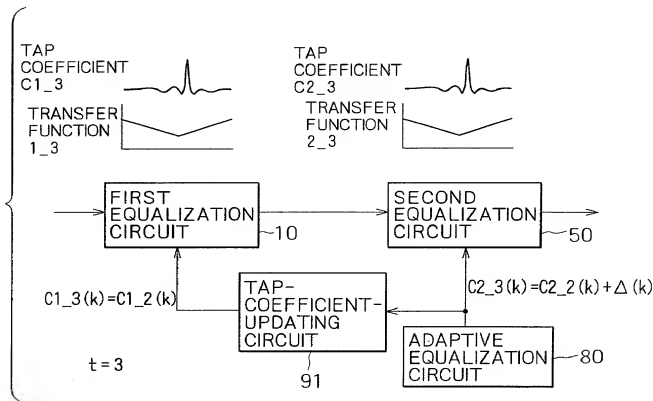


FIG. 39

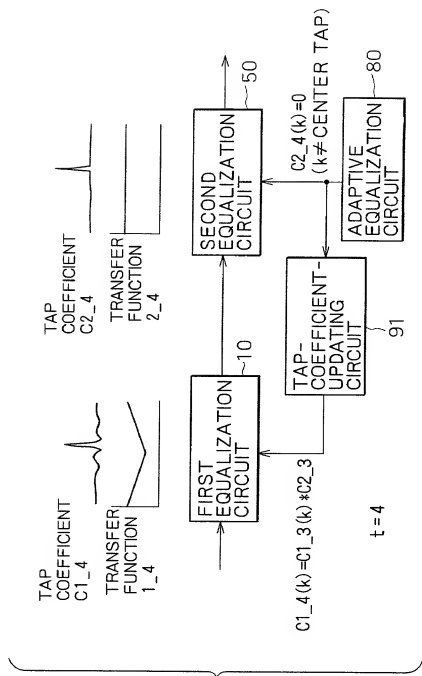


FIG. 40

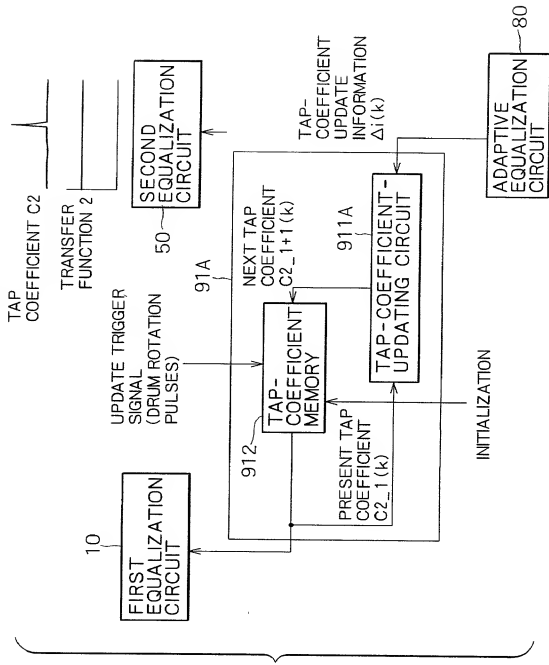


FIG. 41

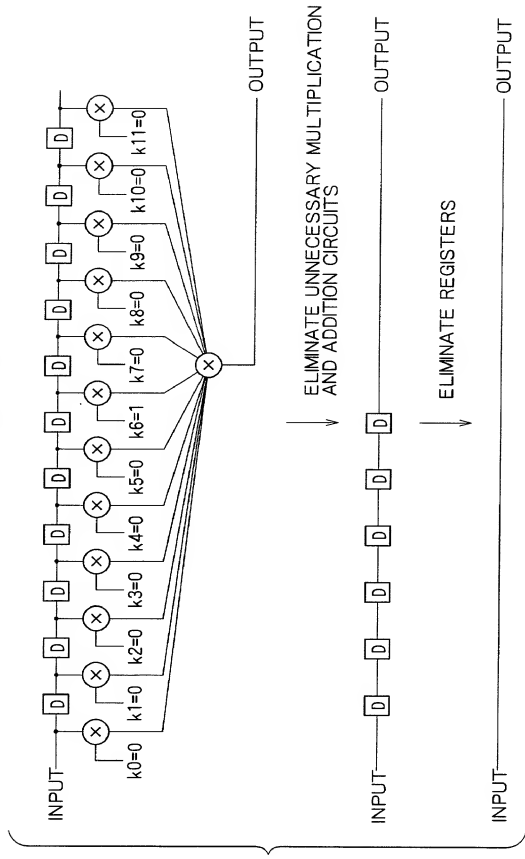


FIG. 42

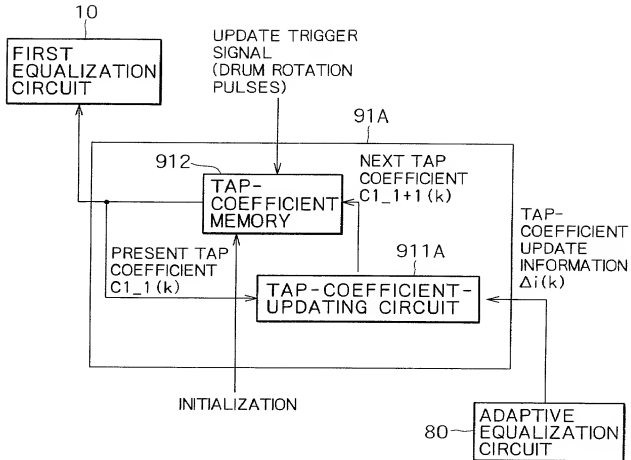
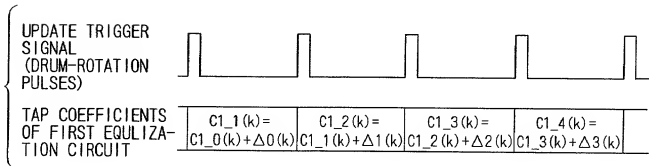


FIG. 43



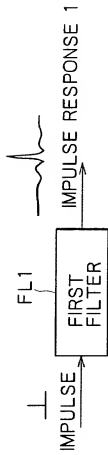


FIG. 46A

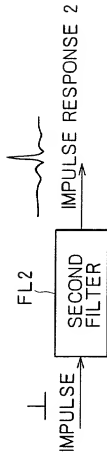


FIG. 46B

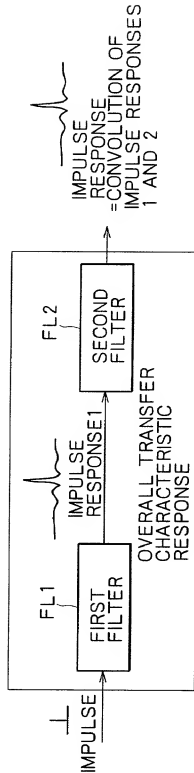


FIG. 46C

FIG. 47

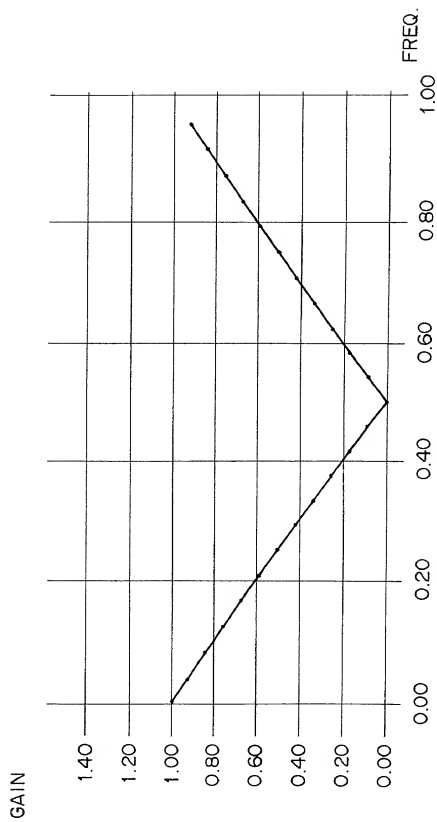
TRANSFER CHARACTERISTICS OF THE 24-TAPS EQUALIZER 1 ($t = i$)

FIG. 48

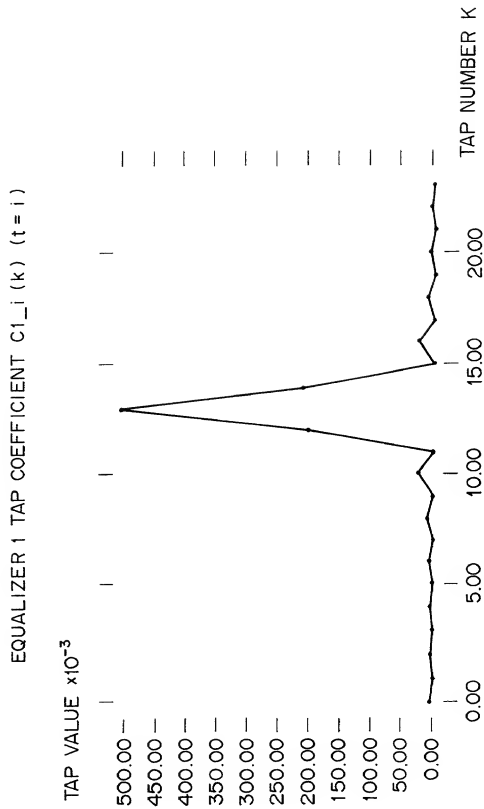


FIG. 49

TRANSFER CHARACTERISTICS OF THE 24-TAPS EQUALIZER 2 ($t = i$)

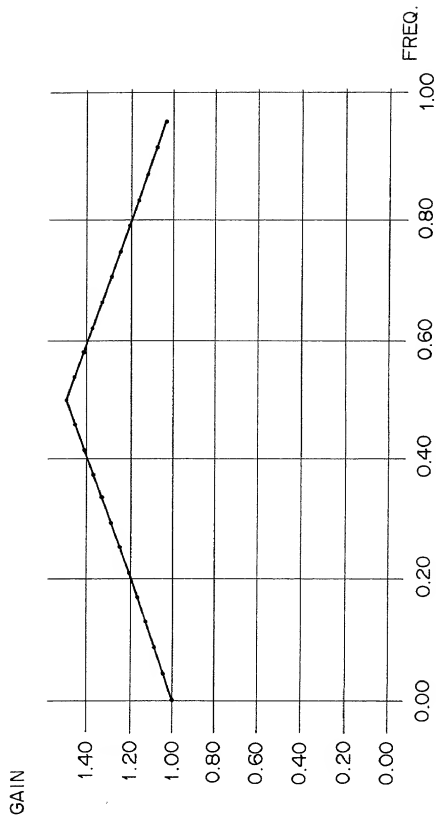


FIG. 50

EQUALIZER 2 TAP COEFFICIENT C2_i (K) (t = i)

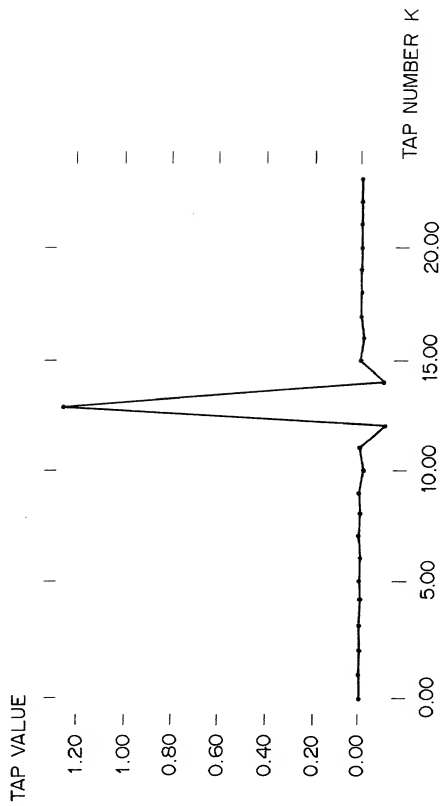


FIG. 51

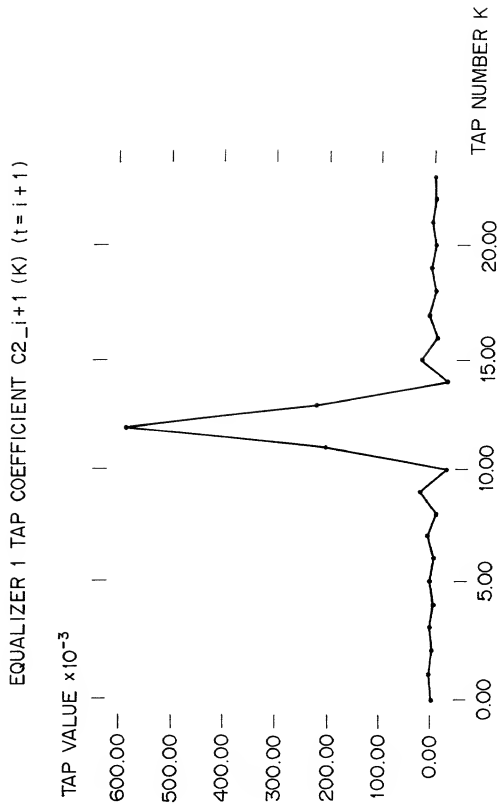


FIG. 52

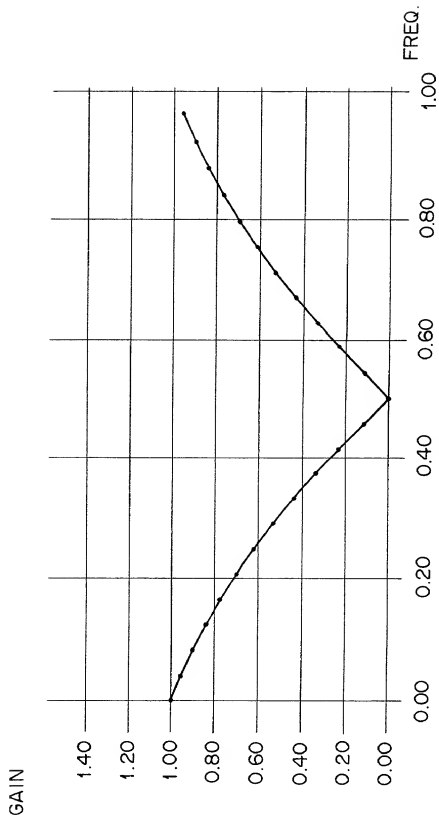
TRANSFER CHARACTERISTICS OF THE 24-TAPS EQUALIZER 1 ($t = i + 1$)

FIG. 53

TRANSFER CHARACTERISTICS OF THE 24-TAPS EQUALIZER 1 ($t = i + 1$)

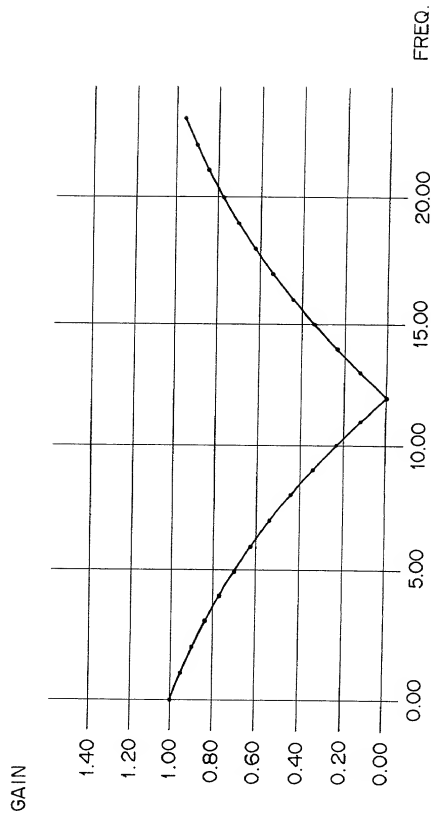


FIG. 54

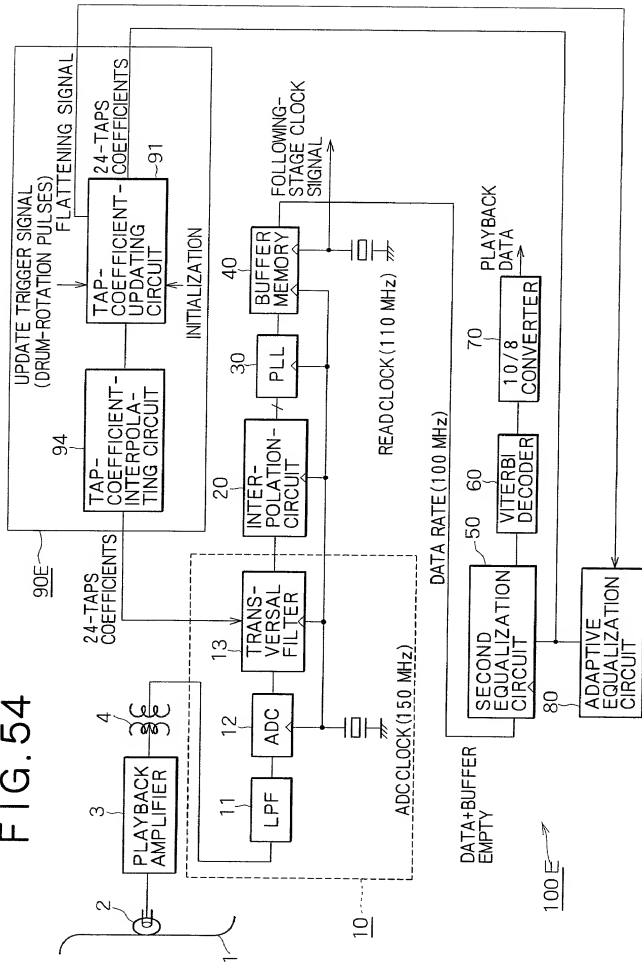


FIG. 55

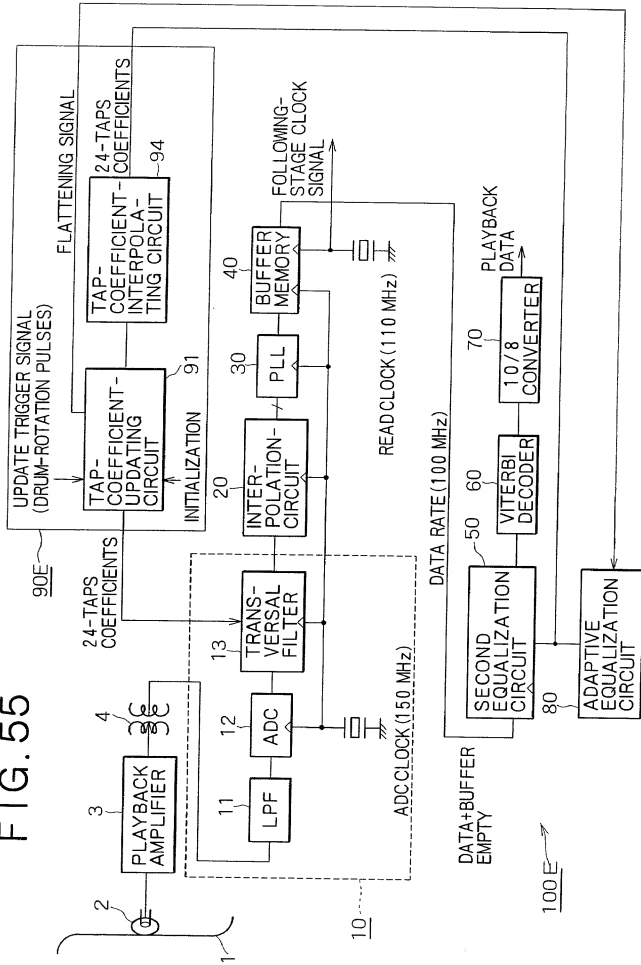


FIG. 56

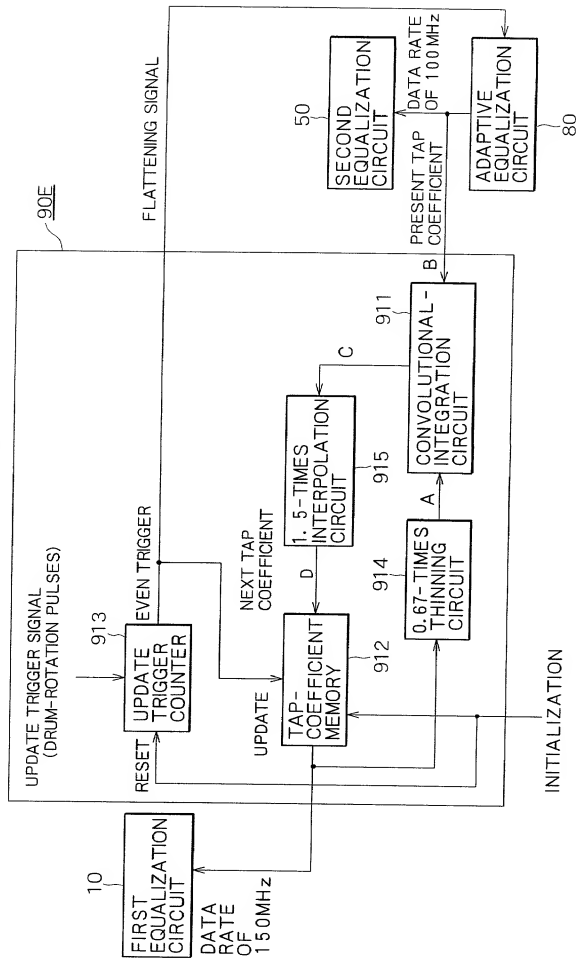


FIG. 57

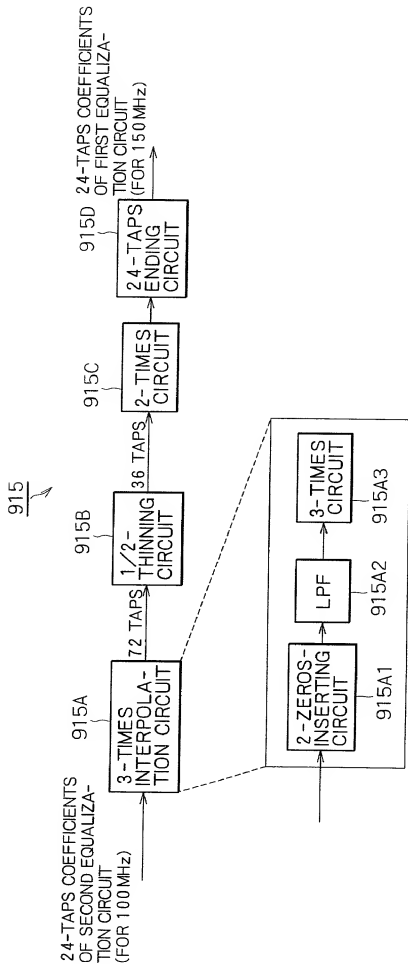


FIG. 58

915

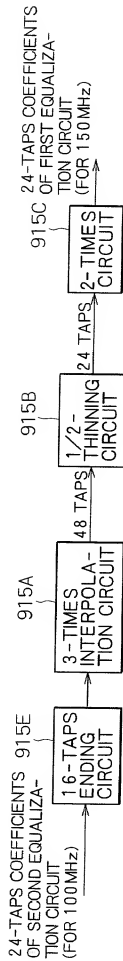


FIG. 59

914

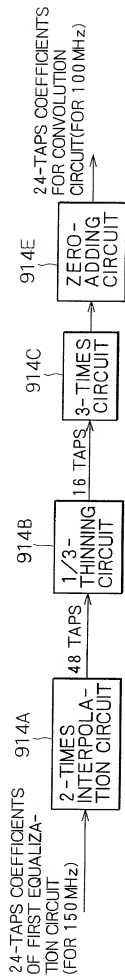


FIG. 60

914

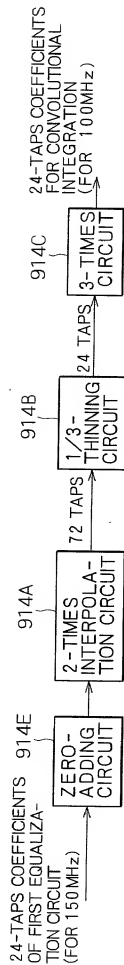


FIG. 61

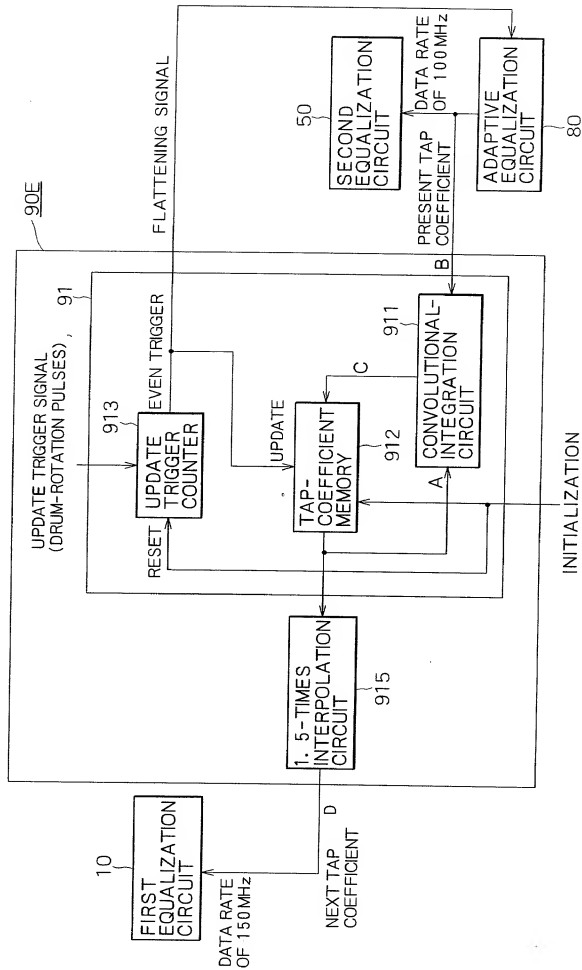


FIG. 62

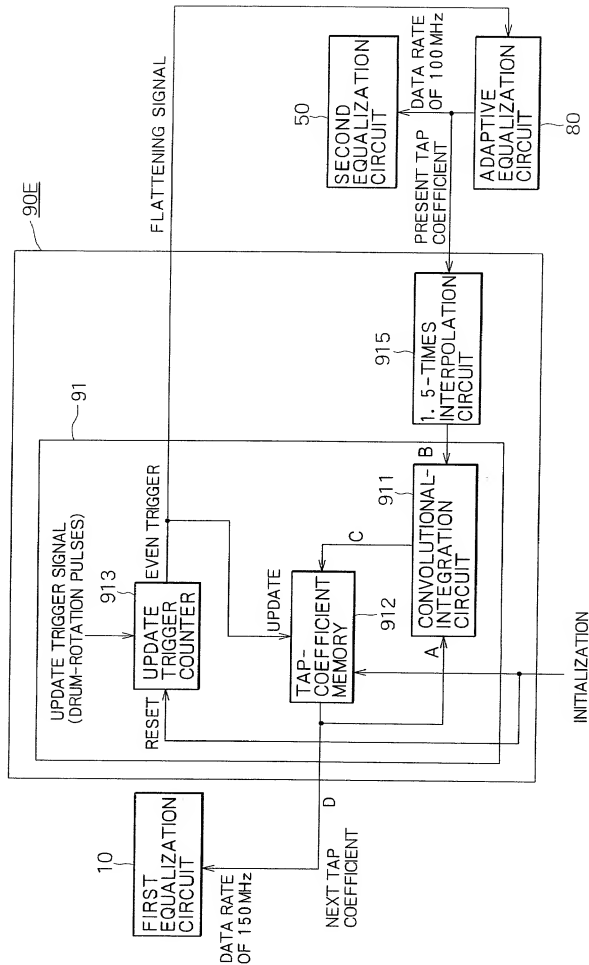


FIG. 63

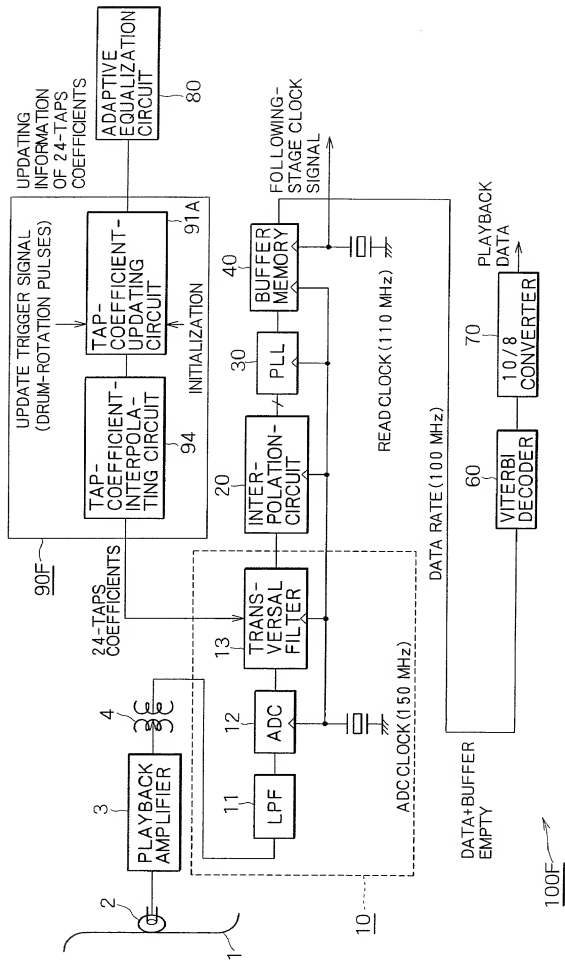


FIG. 64

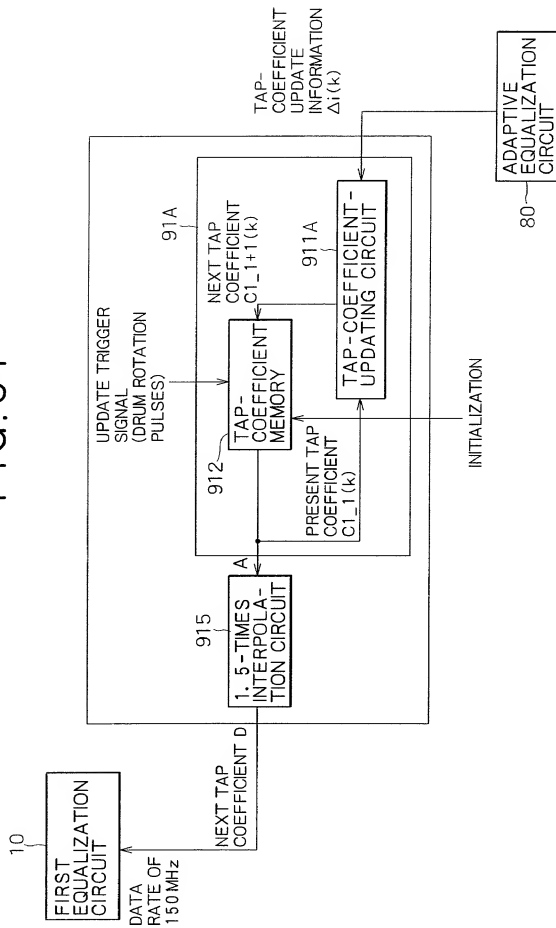


FIG. 65

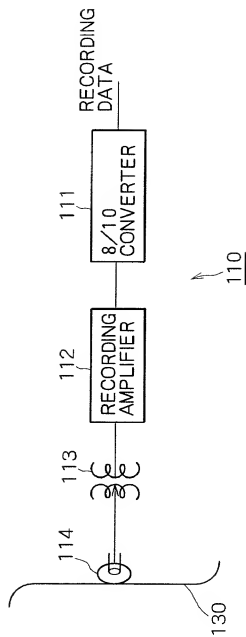


FIG. 66

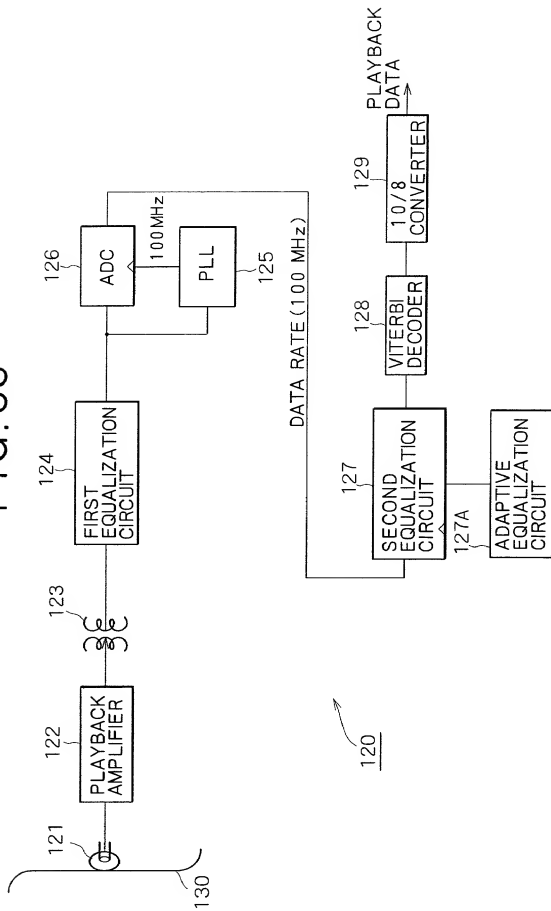


FIG. 67

PR1 CHANNEL CHARACTERISTICS

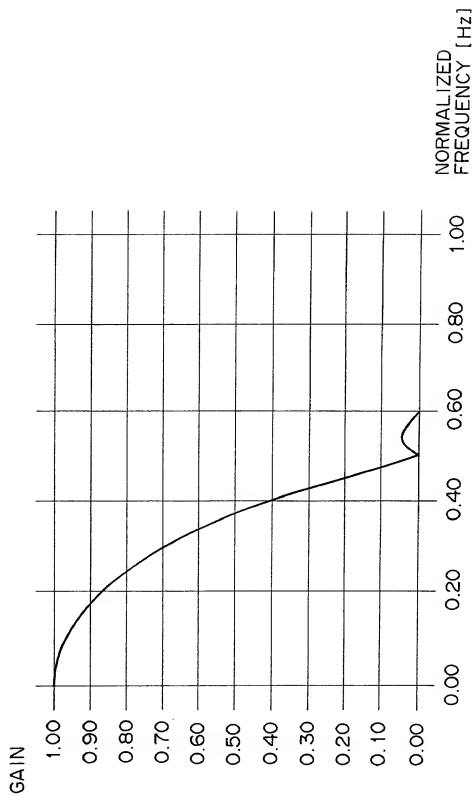


FIG. 68

PR1 CHANNEL EYE PATTERN

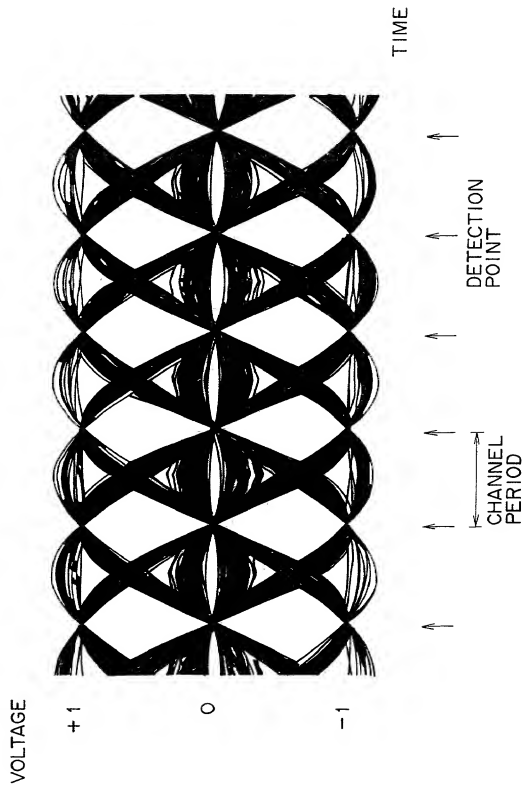
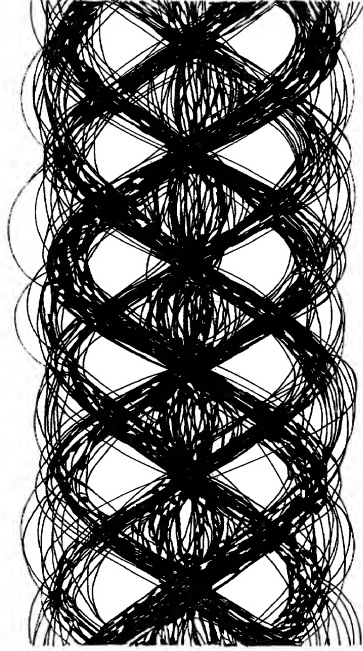


FIG. 69

PR 1 CHANNEL EYE PATTERN

VOLTAGE

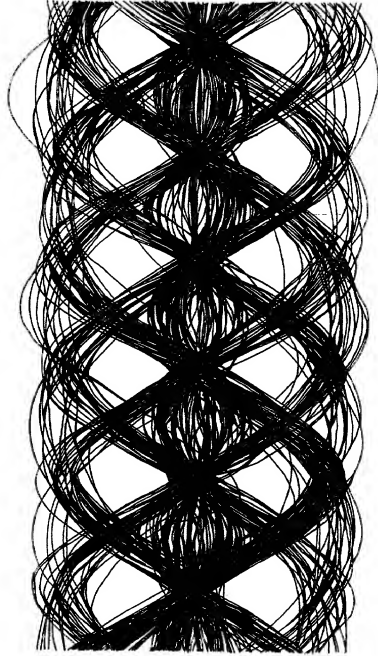


TIME

FIG. 70

PR 1 CHANNEL EYE PATTERN

VOLTAGE



TIME

FIG. 71

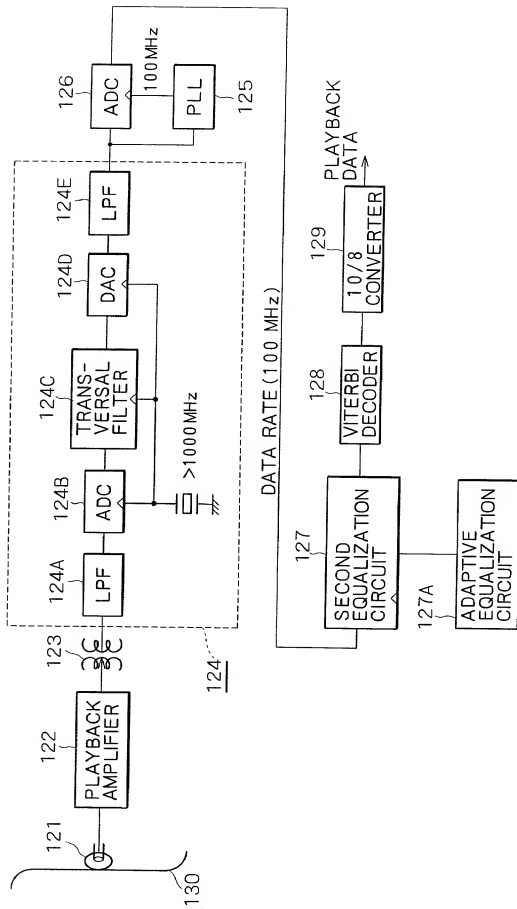


FIG. 72

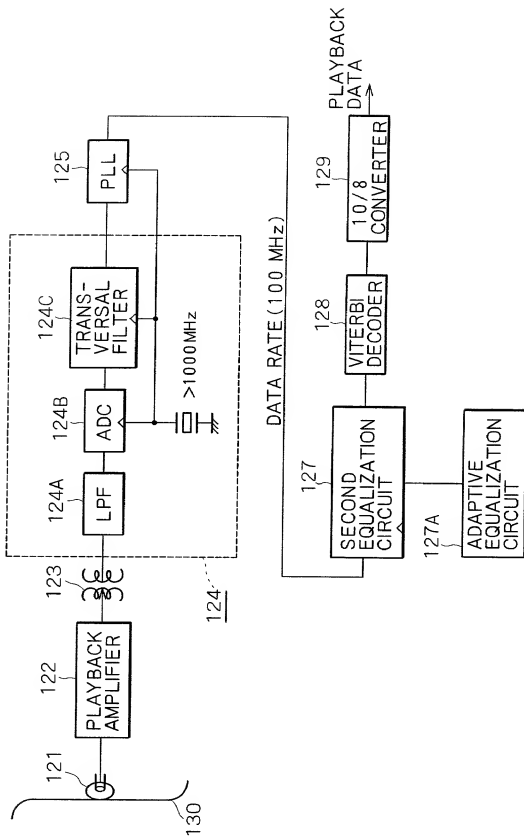
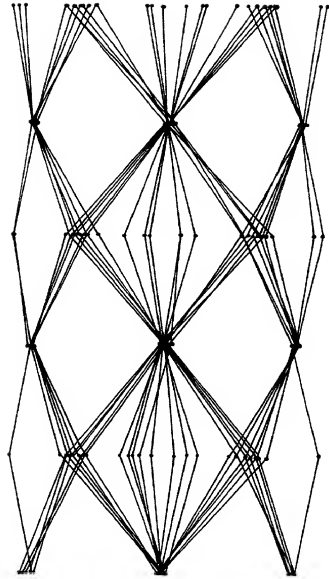


FIG. 73

PR1 EYE PATTERN

VOLTAGE

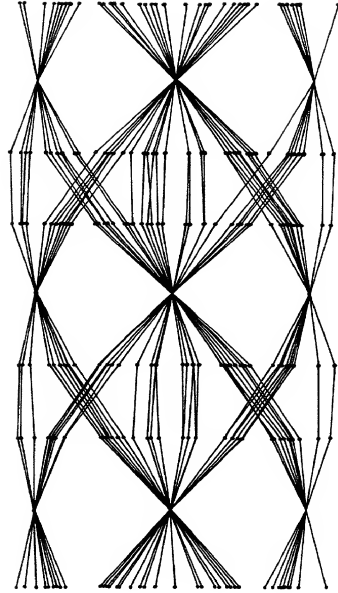


TIME

FIG. 74

PR1 EYE PATTERN

VOLTAGE

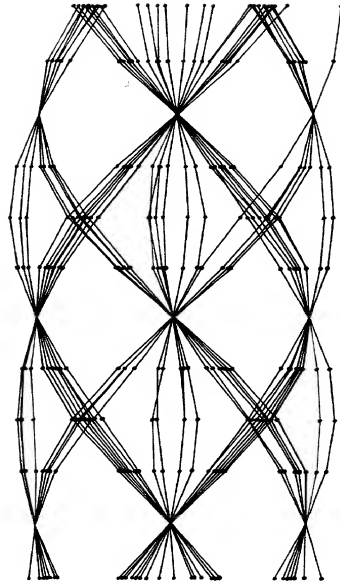


TIME

FIG. 75

PR1 EYE PATTERN

VOLTAGE

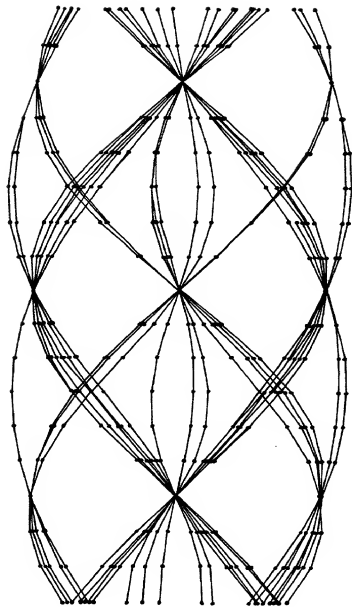


TIME

FIG. 76

PR1 EYE PATTERN

VOLTAGE



TIME

FIG. 77

PR1 EYE PATTERN

